



103-08419  
10 POINT RESOURCE PROTECTION PLAN

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AUG 9 1979  
COLO. OIL & GAS CONS. COMM.

1. Geologic Name of Surface Formation

Green River

2. Estimated Tops of Important Geological Markers

|                 |       |
|-----------------|-------|
| Mesa Verde      | 1401' |
| Mancos          | 2347' |
| Sego            | 2486' |
| Castlegate      | 2791' |
| Mancos "B"      | 3885' |
| Base Mancos "B" | 4341' |
| Total Depth     | 4440' |

3. Estimated Depths of Mineral Bearing Formations

Of the formations listed above, it is anticipated that the Mancos B will be gas bearing in the well. The Castlegate is a secondary objective and could be gas productive. Coal and gas zones could be encountered in the Mesa Verde. If any water flows are encountered, they will be adequately protected and reported.

4. Casing Program

The proposed casing program for this well consists of 150' of 7 5/8" 26.4# K55 ST&C new casing set for surface casing and cemented back to surface. Production casing will be 4 1/2" 11.60#, K55 ST&C new and will be set at 4440' or at total depth. It will be cemented 500' over the Castlegate or 500' above the topmost productive zone with 250 sacks.

5. Pressure Control - Blowout Preventers

The operator minimum specifications for pressure control equipment is as follows:

A 10" Double Ram Hydraulic unit with a closing unit will be utilized. Additionally, while air drilling, a Series 900 Rotation Head will be used. Pressure tests of BOP's to 1000# will be made after installation and operation and will be checked daily. See attached BOP diagram.